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April 14, 2006

Mr. Alfred J. Wujciak
Examiner, United States Patent and Trademark Office
COMMISSIONER FOR PATENTS
Post Office Box 1450
Alexandria, Virginia 22313-1450

RE: Application Number: 10/634,519
Filing Date: 08-04-2003

Dear Mr. Alfred J. Wujciak;

I would like to thank you again for taking the time to talk to me last January 11, 2006. I have followed your advise and filed for an extension. I am sorry and would like to apologize for taking so long to submit this response to your office communication dated July 19, 2005 for this application. As you may re-call, since January 2006, I am no longer (as I previously mentioned to you) represented by Vic Lin from the Law Office of Myers Dawes Andras & Sherman LLP.

I have to gather, reproduce, read and try to understand all office communication and other pertinent documentation to be able to appropriately respond to your office action. In this regard, please excuse my response if it is not presented in the legal text, form or norm.

Attached, please find my response to your Office Communication dated, July 19, 2006 and copy of my previous communication to your office.

I hope and pray that the responses and explanation herewith would be sufficient enough to merit your consideration, and clarify the differences of my application to the other approved patents.

Sincerely,

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Response to:
First Office Action dated 07/19/2005
Examiner: ALFRED JOSEPH WUJCIAL III

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Application No: 10/634,519
Applicant: TAGLE, NESTOR
Date: April 14, 2006

Application/Control Number: 10/634,519
Art Unit: 3632

Specification

On pages 3-4, the section [0016] is hereby requested deleted for clarification.

On Figures 3, 5, 6 and 7 that shows reference numbers 33-36, these are clarified and are described as follows:

- (a) Reference Numbers 33 and 34 are retainer tabs, an integral part of the main enclosure 20 whose function is to guide and secure the metallic leaf spring locking detent 21-22.
- (b) Reference Numbers 35 and 36 are slots in the metallic leaf spring locking detent 21-22.

Claim Rejections – 35 USC 112

Claims 16-37 being indefinite. The applicant request that claims 16-37 be re-worded and summarized as follows:

Claims 16-19, 21-22 A single or group of gauges or metering device that is contained in an enclosure, the enclosure having specific size dimension corresponding to and configured for mounting only into a specific (DIN) radio opening slot in a vehicle; The enclosure is specifically configured for mounting within at least of a ½ inch (DIN) radio opening slot, a 1.0 inch (DIN) radio opening slot, a 1.5 inches (DIN) radio opening slot, a 2.0 inches (DIN) radio opening slot, and a 3.0 inches (DIN) radio opening slot.

Claims 20, 23-24 The single or group of gauges or metering device contained in an enclosure configured for mounting only into a (DIN) radio opening slot facilitates electro-mechanical communication between the gauge and sensor. At the simplest form, the enclosure configured for mounting only into a (DIN) radio opening slot will consist of one gauge or a combination of a voltmeter, an oil pressure gauge, a water temperature gauge, a speedometer, an oxygen gauge, or engine revolution per minute gauge, or all six gauges mentioned.

Claims 25-28, 36-37 The gauge or gauge cluster contained in an enclosure configured for mounting only into a (DIN) radio opening slot will have at least one metallic leaf spring locking detent that will secure the enclosure from vibration and inhibit the removal of the enclosure from the (DIN) radio slot; This same metallic leaf spring locking detent is universally compatible to existing radio opening slot assemblies in the vehicles.

Claims 29-31 The gauge or gauge cluster contained in an enclosure configured for mounting only into a (DIN) radio opening slot will consist of digital LED readout, a light bar metering corresponding to the digital LED readout, and a limiting warning light.

Claims 32-35 The enclosure configured for mounting only into a (DIN) radio opening slot containing a gauge or gauge clusters will generally have a rectangular bezel, configured to limit movement of the gauge or gauge cluster and the enclosure into the (DIN) radio opening slot. The rectangular bezel may be replaced by an oval shaped bezel to conform aesthetically with the adjacent instrumentations in the vehicle.

Claim 16-19, 21-22, 24-28, 32-34 and 36 contains the word DIN. The applicant uses the word DIN to describe the various size opening of the radio slots in a given vehicle for the sole purpose of better description and understanding as to the specific opening size and intended location of the invention. Thus, the applicant request that any claims presented that contains the word DIN be deleted and replaced with the words "radio opening slot".

Claim Rejections – 35 USC 102

Claims 16-18 as being anticipated by US Patent # 4,313,584 to Fukunaga. The applicant appreciates the patent awarded to Fukunaga but respectfully submits that the Fukunaga patent describes the structure for mounting a meter on an instrument panel of motor vehicles and how it is mounted – specifically as a primary means of metering on a vehicle and the structure being located by the vehicle's instrument panel. The applicant's invention differs in that:

- (a) The location of the enclosure for the gauge cluster is confined to the existing radio opening slot or radio location in the vehicle;
- (b) The design of the enclosure for the gauge cluster is limited to the exact size of the existing radio opening slot in the vehicle;
- (c) The gauge or gauge cluster contained in an enclosure configured for mounting only into a radio opening slot is meant as a secondary mode of metering the vehicle's functions;
- (d) The gauge or gauge cluster contained in an enclosure configured for mounting only into a radio opening slot is compatible to existing radio opening slot assemblies in the vehicles.

Claim Rejections – 35 USC 103

The quotation of 35 U.S.C. 103(a) which forms as your basis for all obvious rejections set forth in this Office Actions are well taken, specifically regarding :

Claims 19-22, 24-26 and 32-34 – as being referenced by Fukunaga

Claims 27-28, and 36-37 – as being referenced by Yang et al

Claims 29-30 – as being referenced by Yoshimoto et al (and)

Claims 23 and 31 – as being referenced by Hasegawa et al

Although the above citations referred to the structure, enclosure, locking detent, and the fitting in a slot of a vehicle are the common similarities; The Applicant respectfully submits that its invention differs in that:

- (a) The location of the enclosure for the gauge cluster is confined and specific to the existing radio opening slot or radio location in the vehicle;
- (b) The design of the enclosure for the gauge cluster is limited to the exact size of the existing radio opening slot in the vehicle; Wherein the existing vehicle radio can be “pulled out” and the gauge cluster enclosure can be “slided back in” with no further work being done;
- (c) The gauge or gauge cluster contained in an enclosure configured for mounting only into a radio opening slot is meant as a secondary mode of metering the vehicle's functions;
- (d) The gauge or gauge cluster contained in an enclosure configured for mounting only into a radio opening slot is compatible to existing radio opening slot assemblies in the vehicle;
- (e) The intended design application, of having a gauge cluster that is mounted in an enclosure

that would easily mount and fit into an existing radio opening slot, and that is easily operational with easy to read metering information has so far been unavailable.

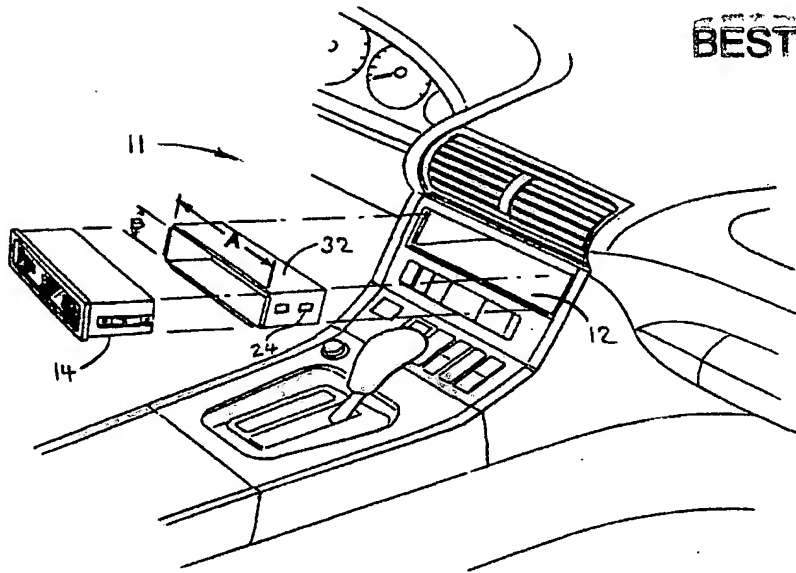
To this end, the applicant prays that the office of the examiner reconsider and have a favorable decision regarding Application Number 10/634,519 .

Please send all communications directly to the applicant, Nestor Tagle at 583-A North Smith Avenue, City of Corona, California 92880 USA. The applicant can also be reached at telephone number (951) 273-1033 and fax number (951) 273-1041.

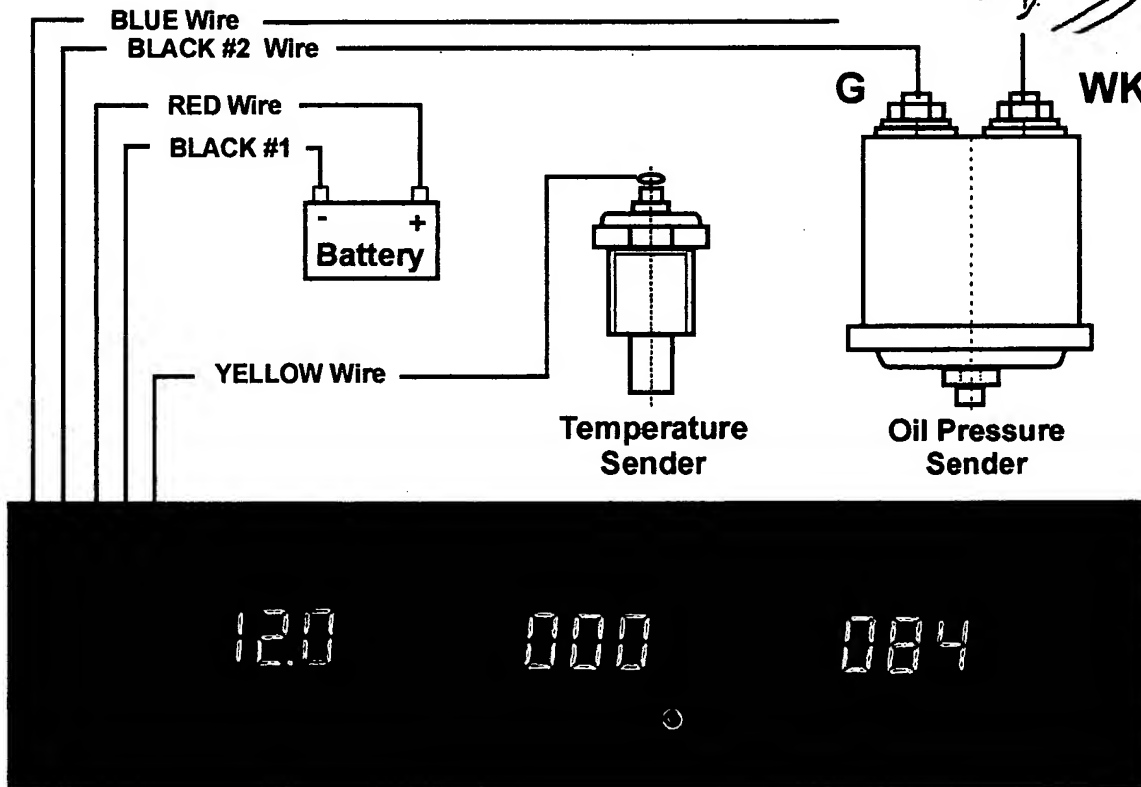
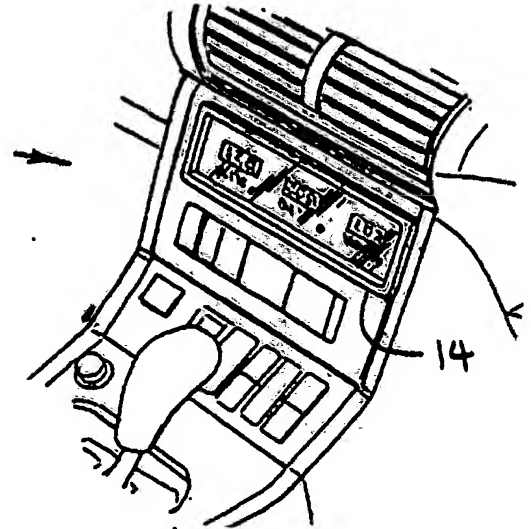


Nestor Tagle
Applicant

April 14, 2006



3-Function DIN Size Digital Gauge Cluster



Specifications:

Volt Meter:

Range: 8.1 volts - 25.5 volts

Warning Light will lit-up once voltage is lower than 11.5 volts.

Oil Pressure Meter:

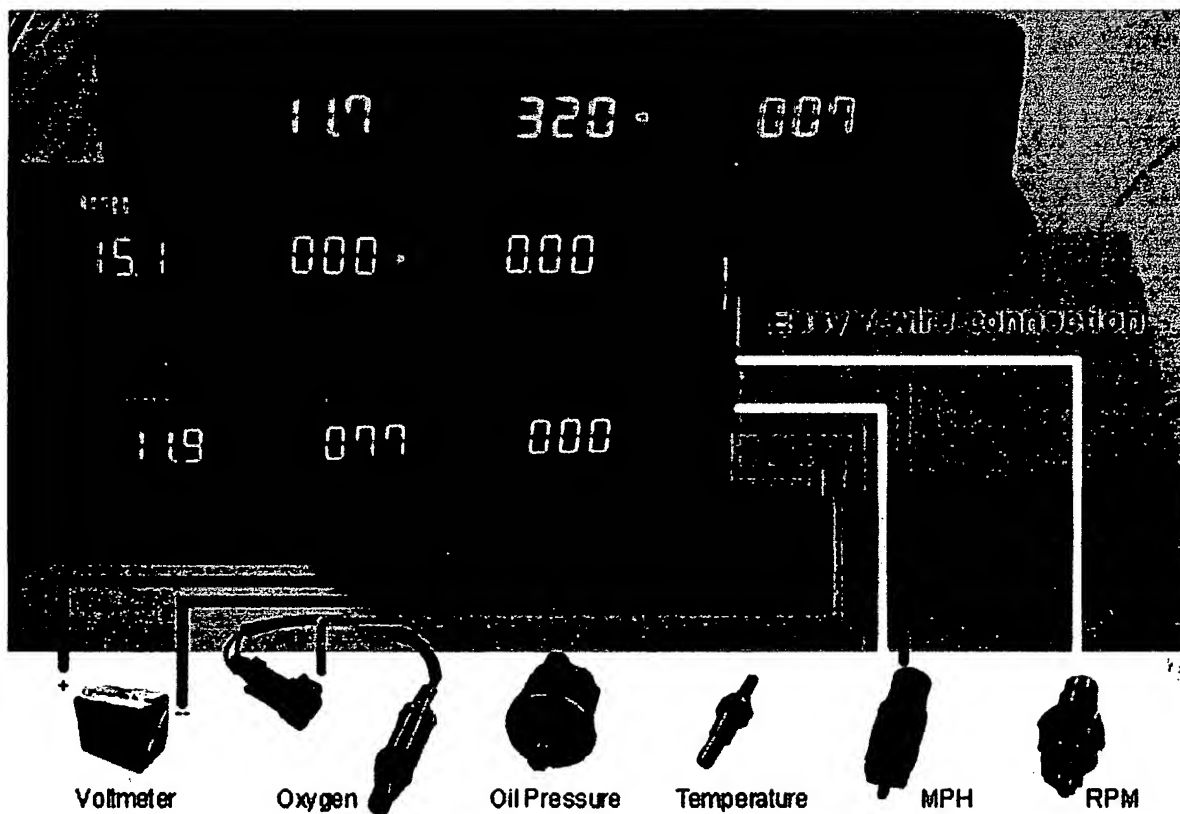
Range: 17 psi - 145 psi

Warning Light will lit-up once Oil Pressure is lower than 18 psi

Temperature Meter:

Range: 79 °F - 266 °F

Warning Light will lit-up once Temperature exceeds 210 °F



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